

FIG.1A

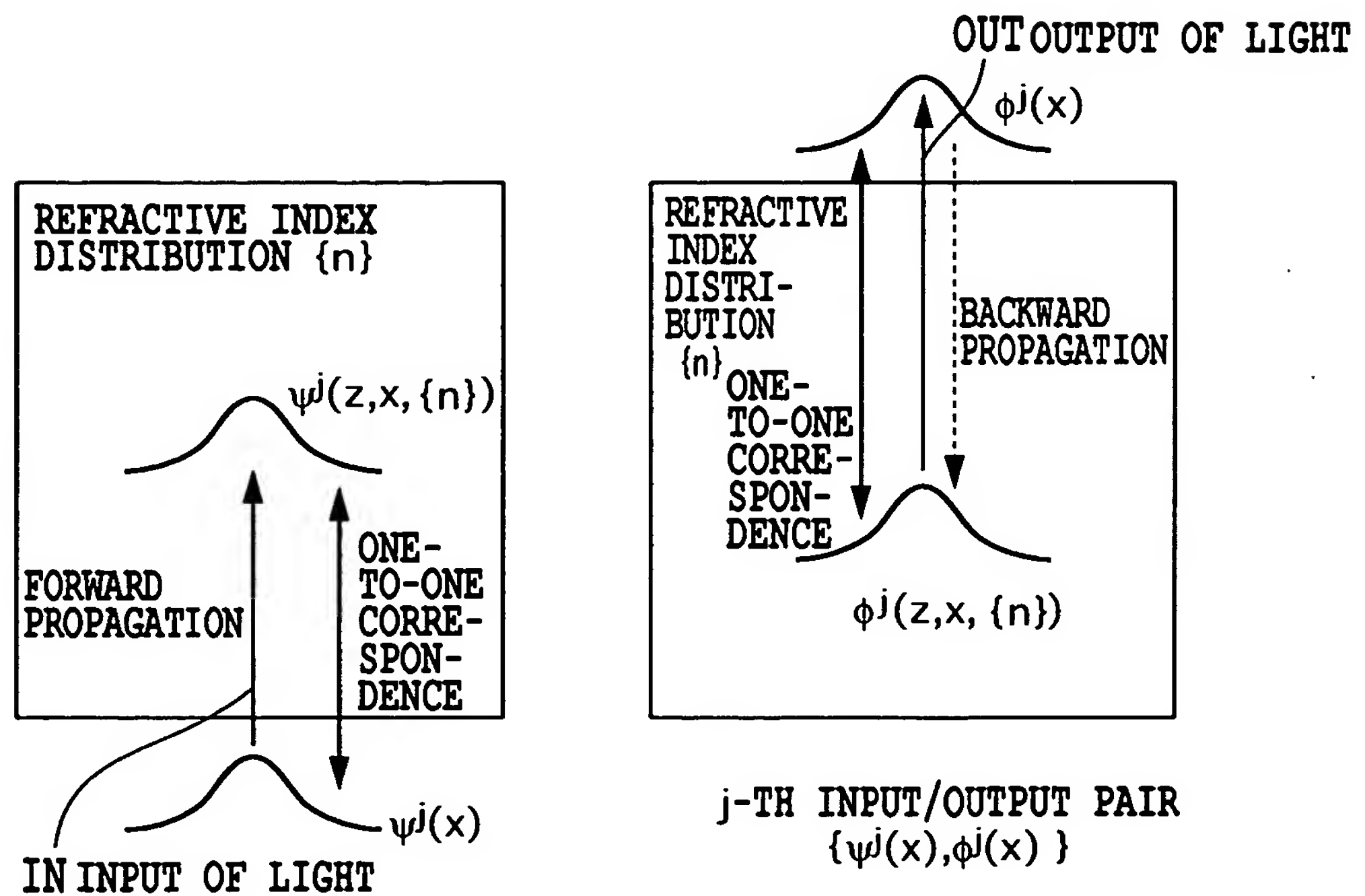
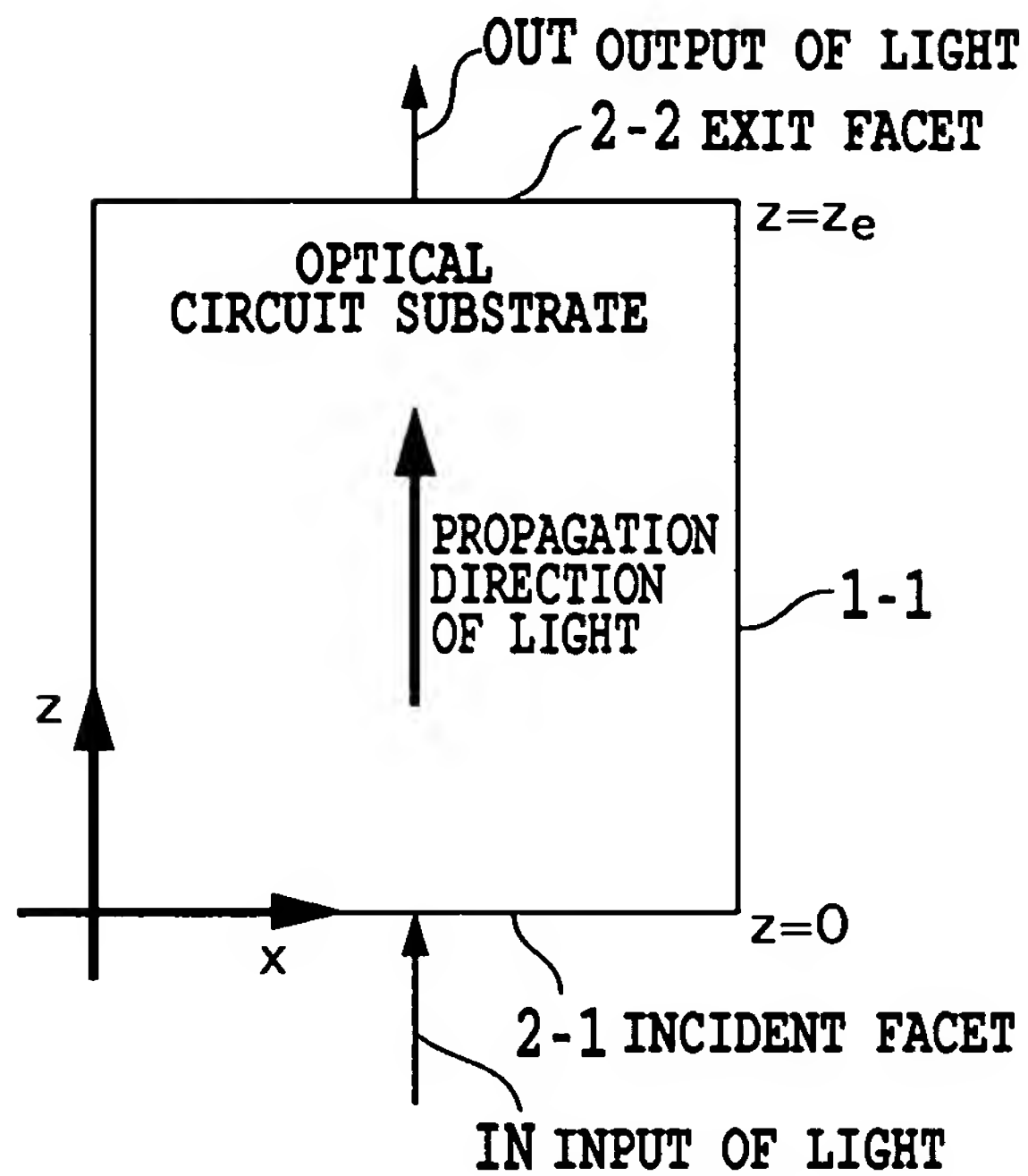
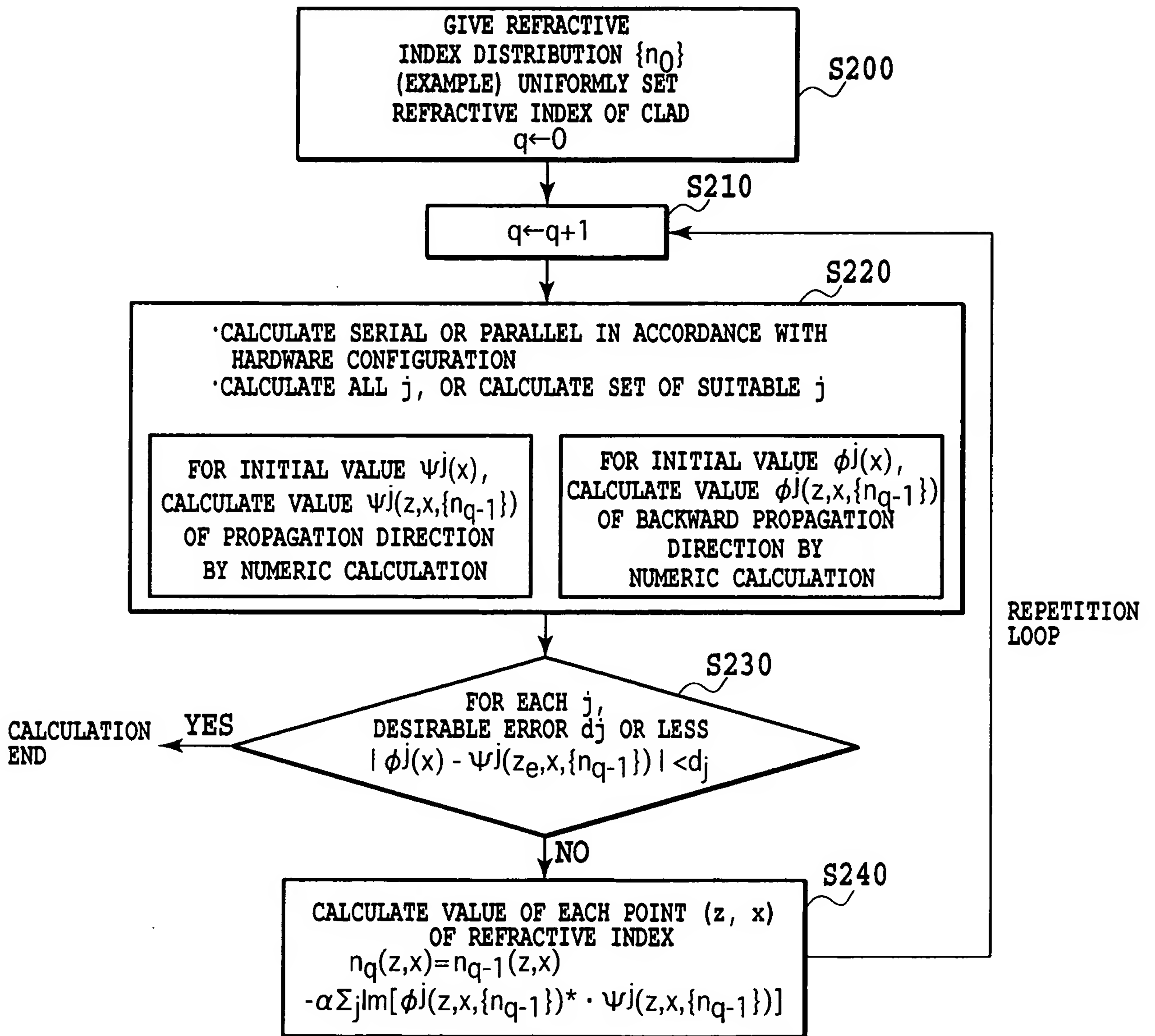


FIG.1B

FIG.1C

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※ AS FOR MEANING OF "←",
 FOR EXAMPLE, $A \leftarrow B + C$
 INDICATES THAT SUM
 OF B AND C IS SUBSTITUTED IN A

FIG.2

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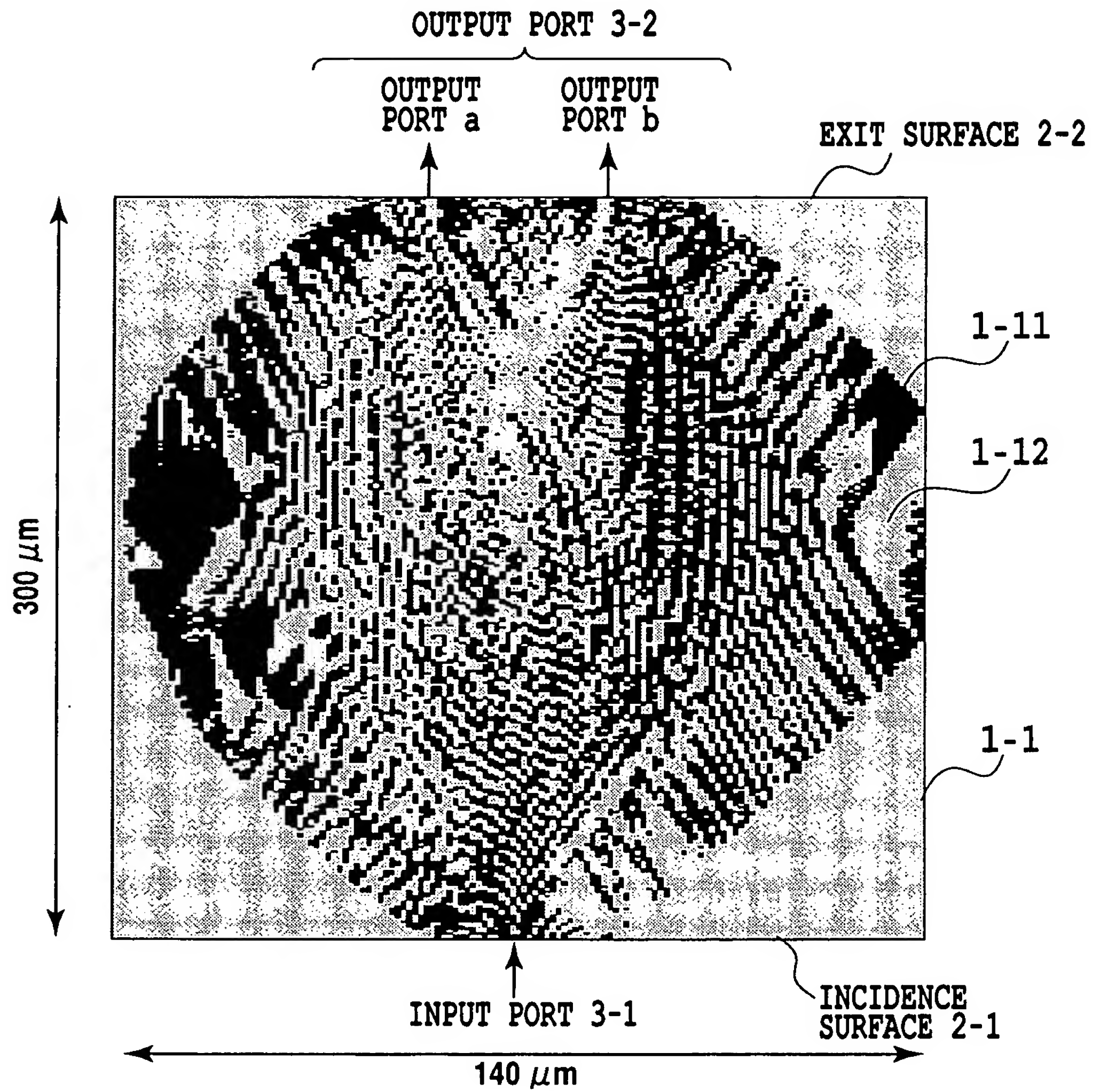


FIG.3

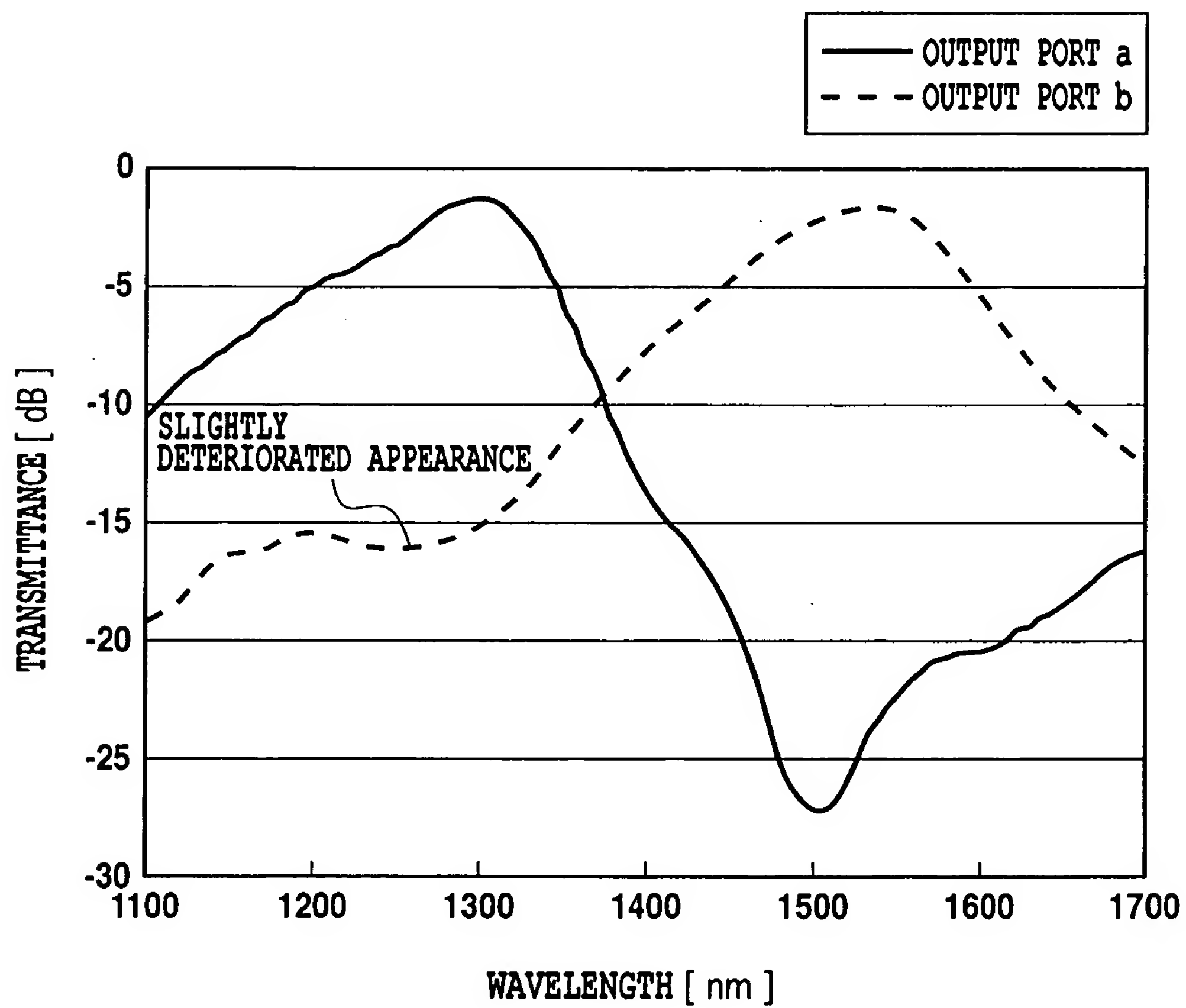


FIG.4

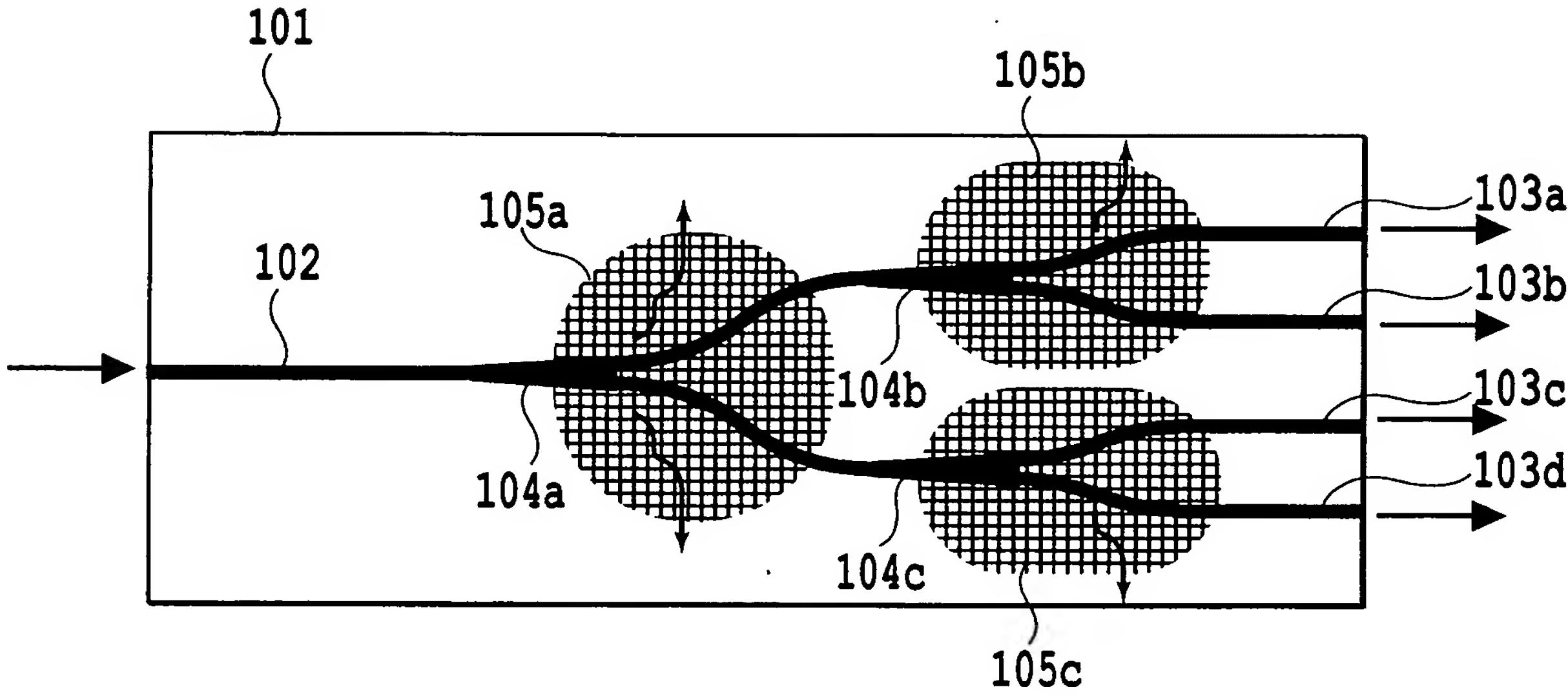


FIG.5

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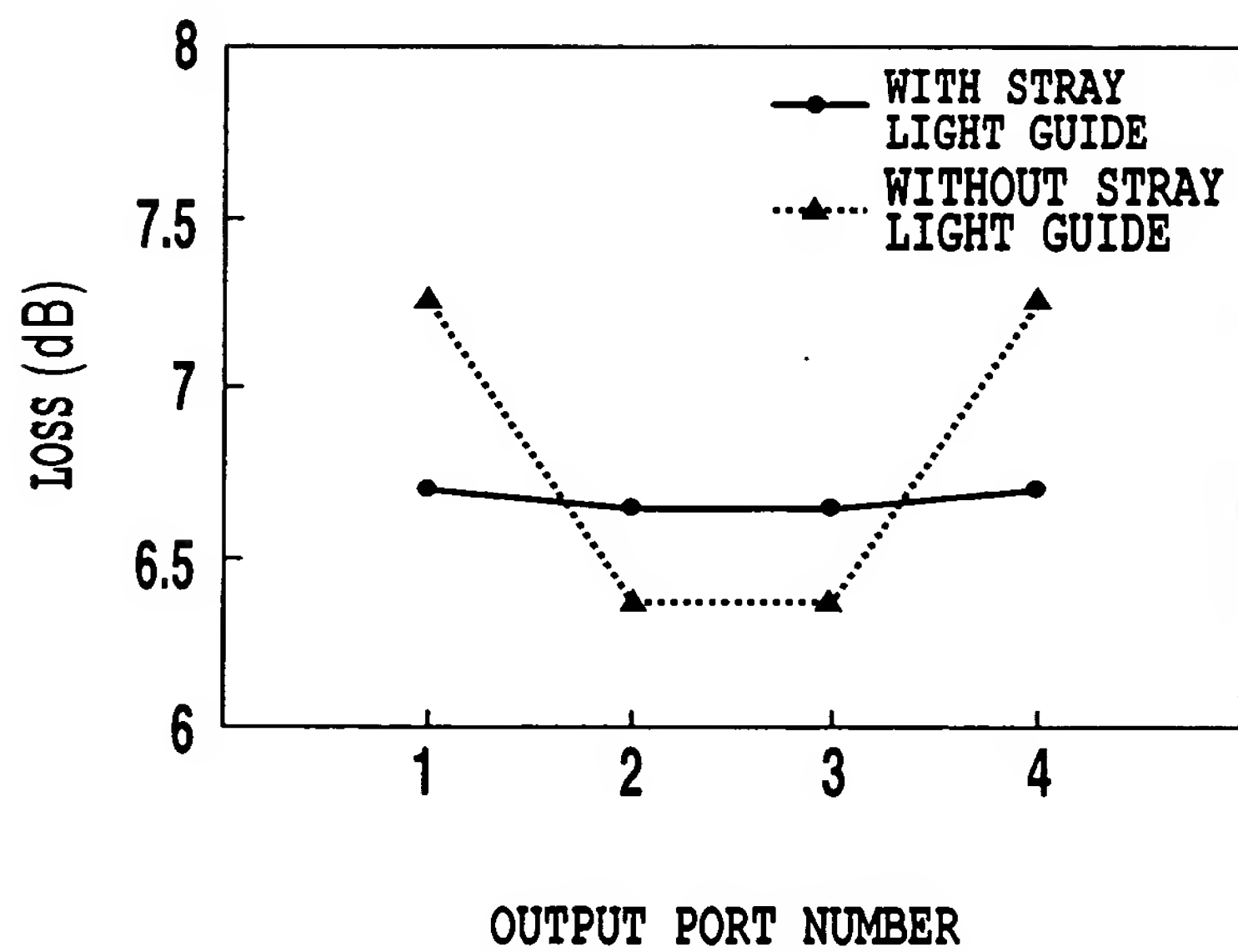


FIG.6

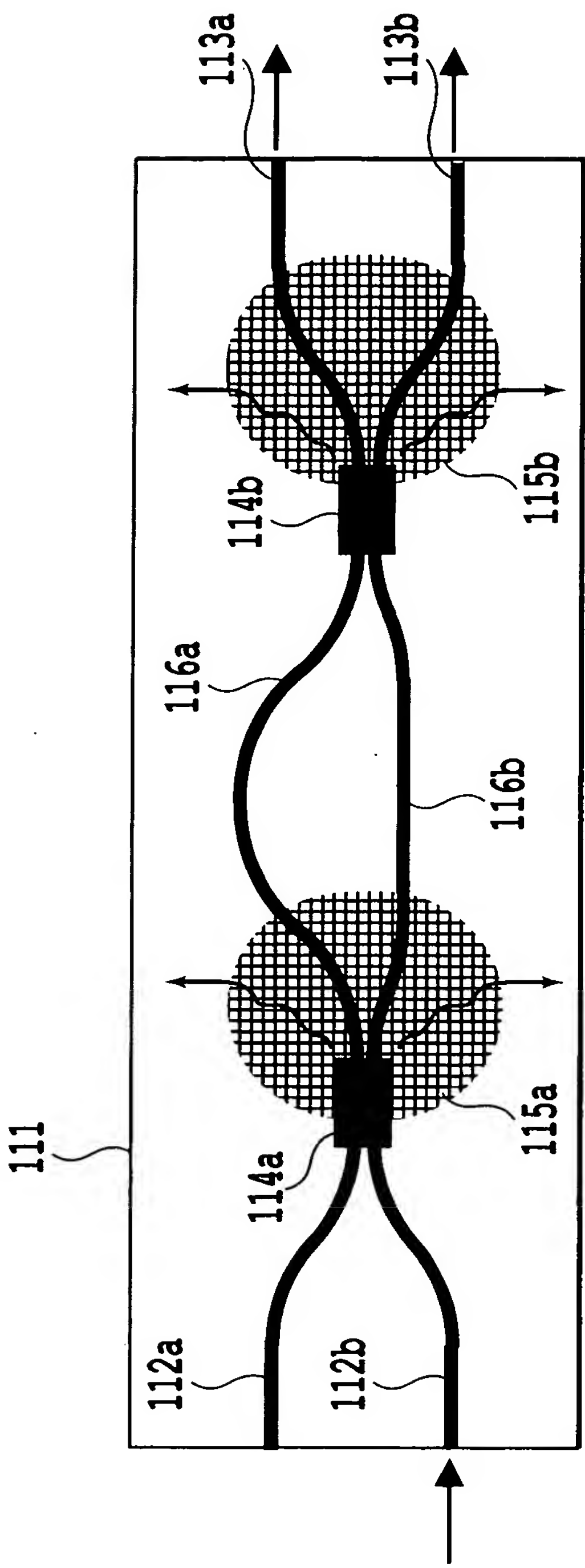


FIG. 7

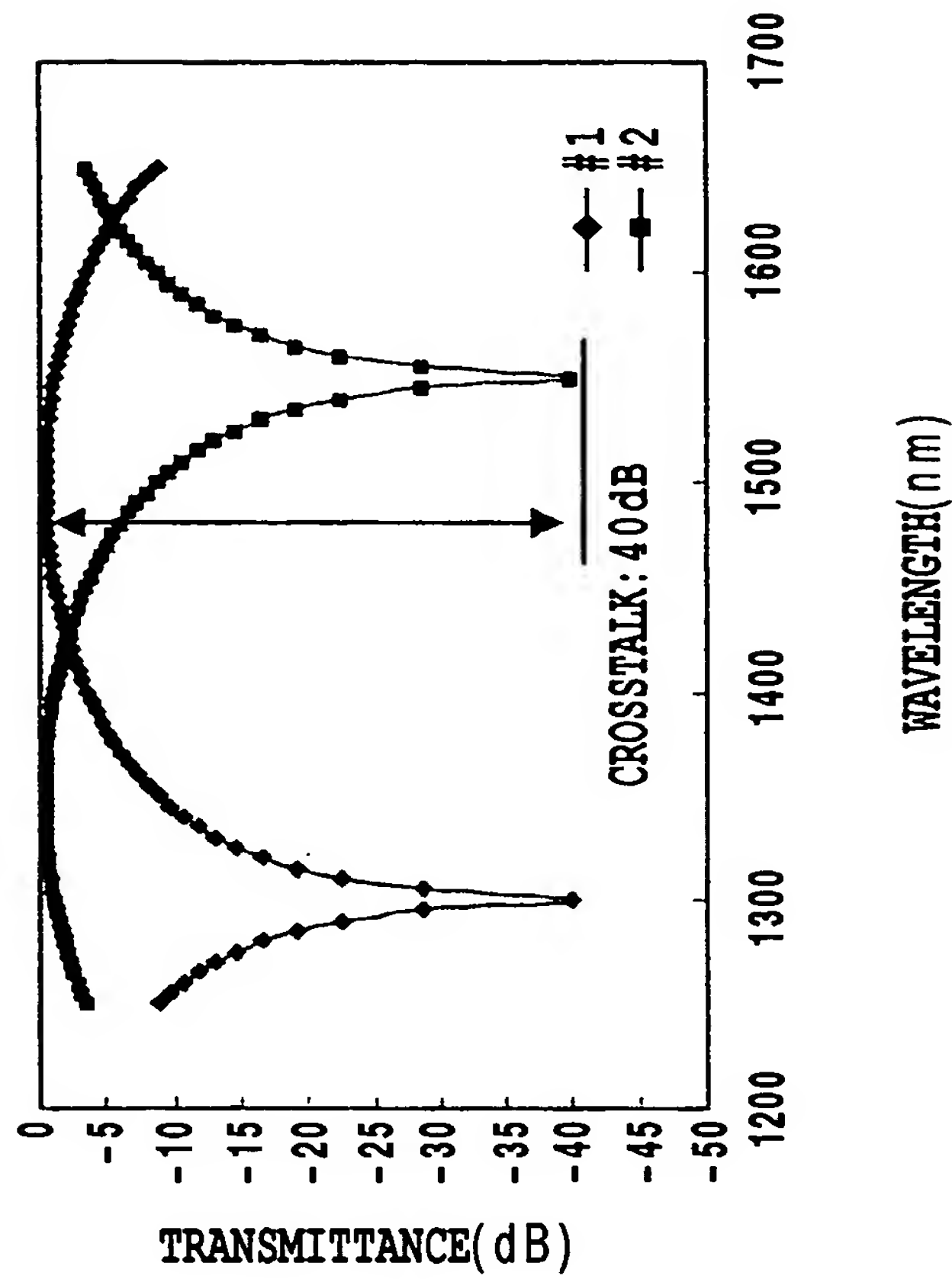


FIG. 8A

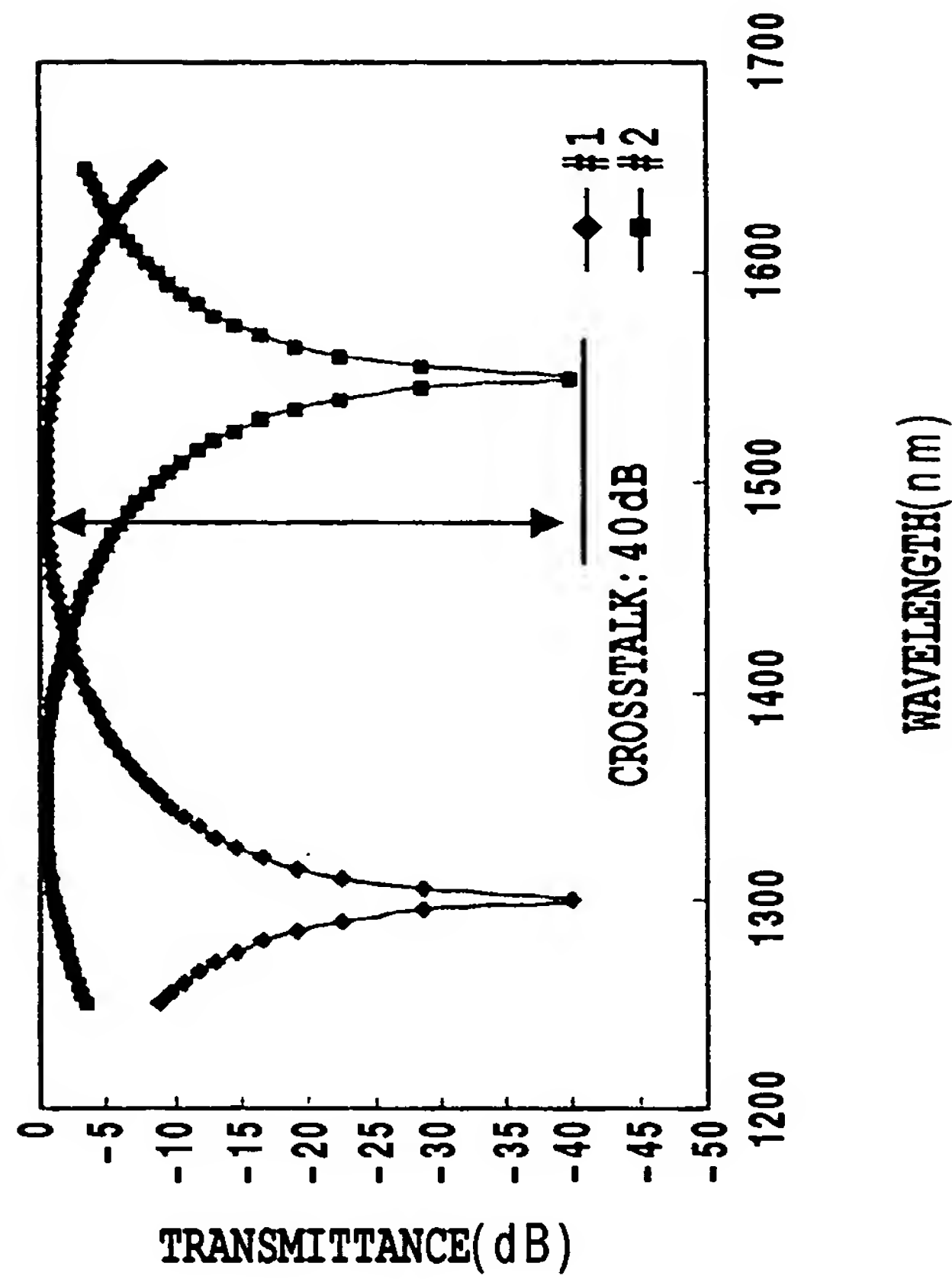


FIG. 8B

OPTICAL FUNCTIONAL CIRCUIT

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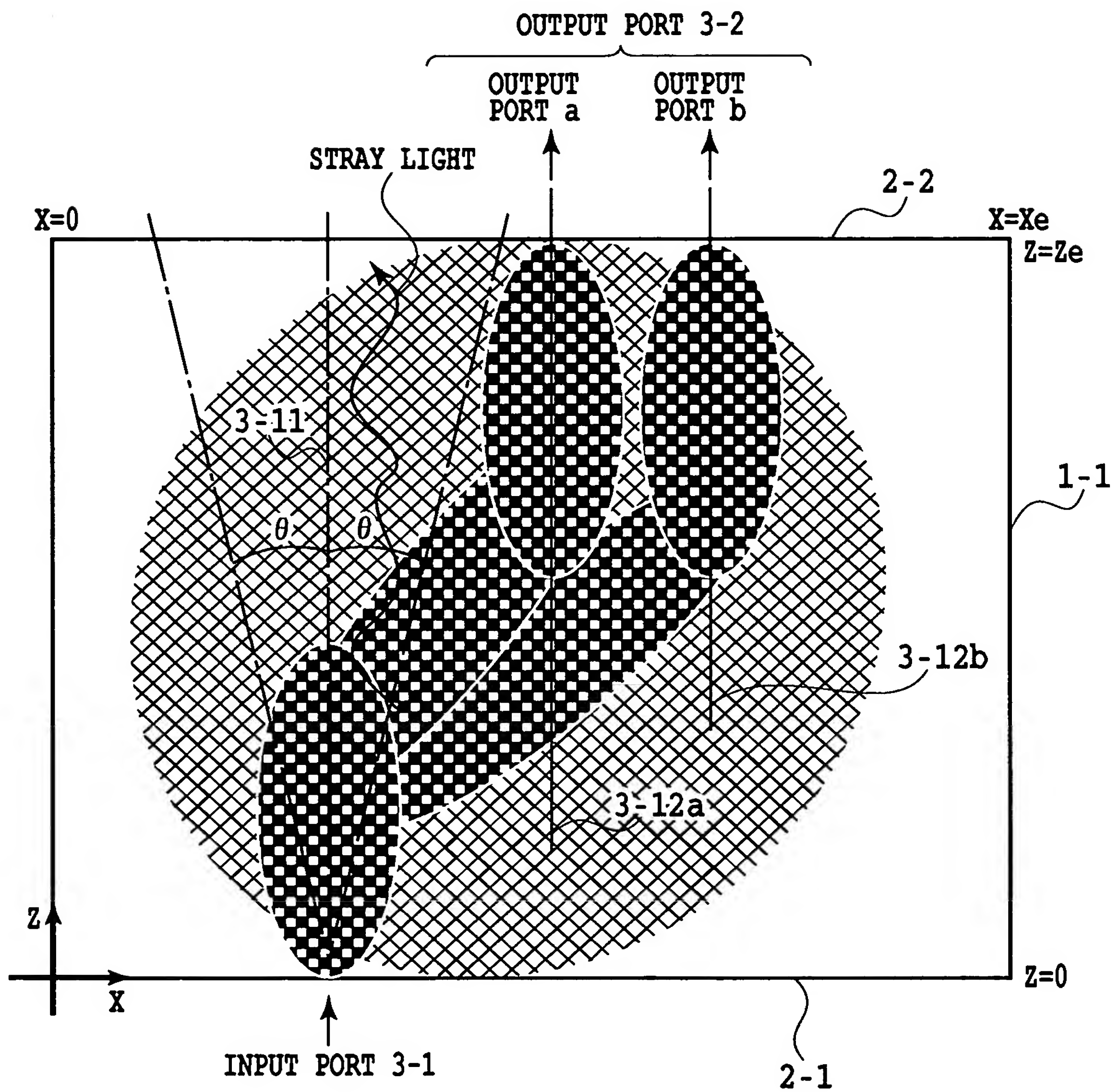


FIG.9

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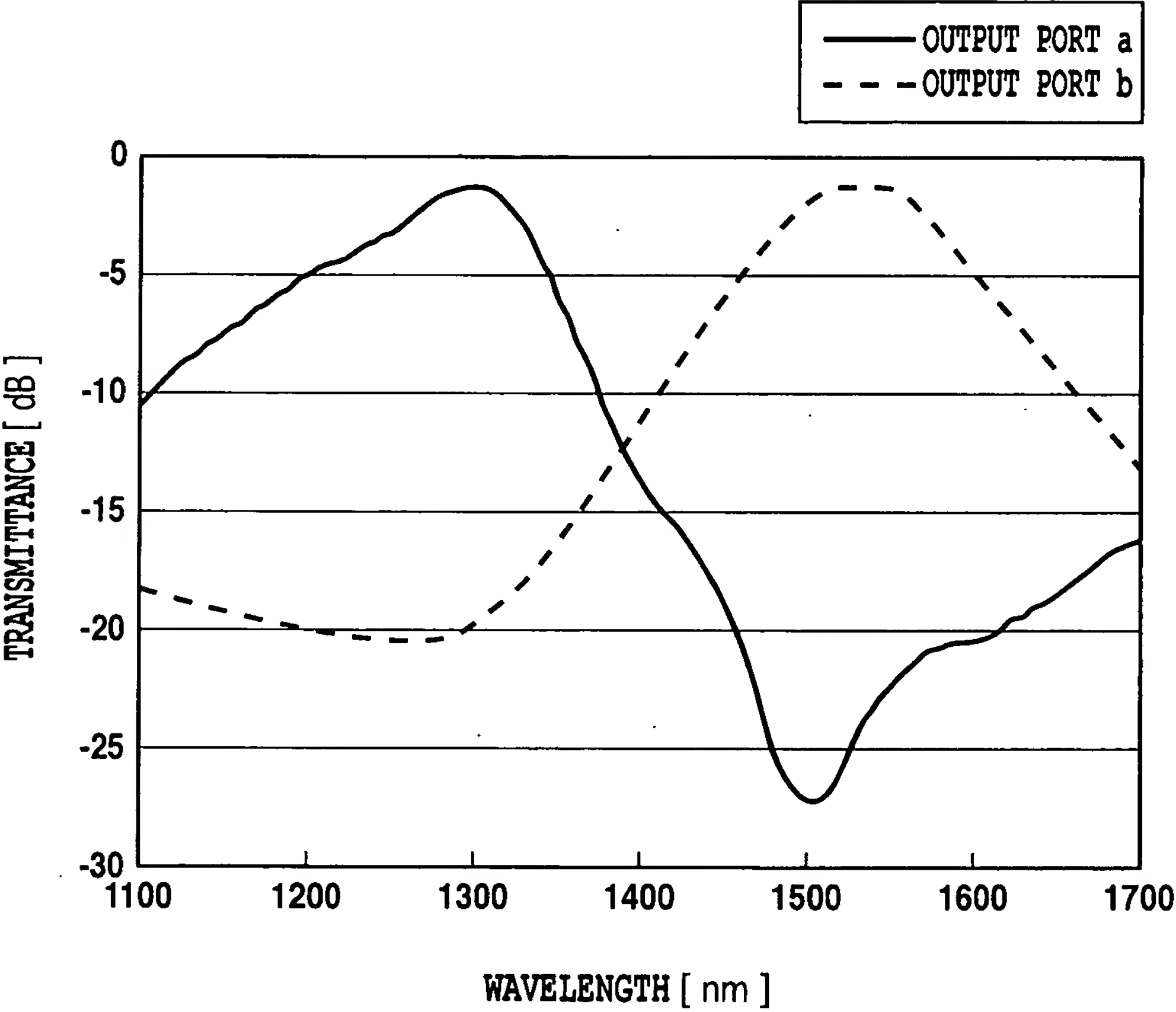


FIG.10

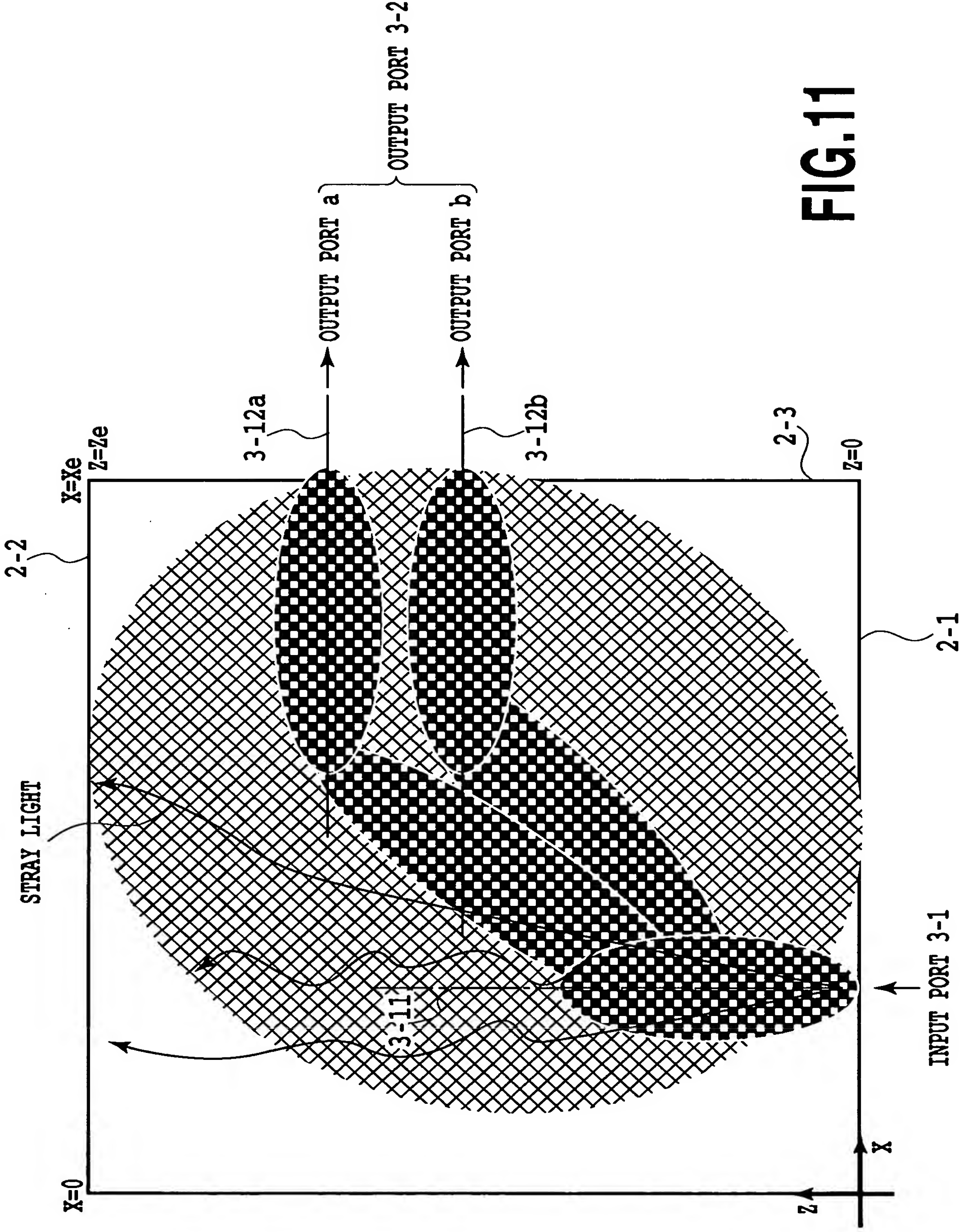


FIG.11

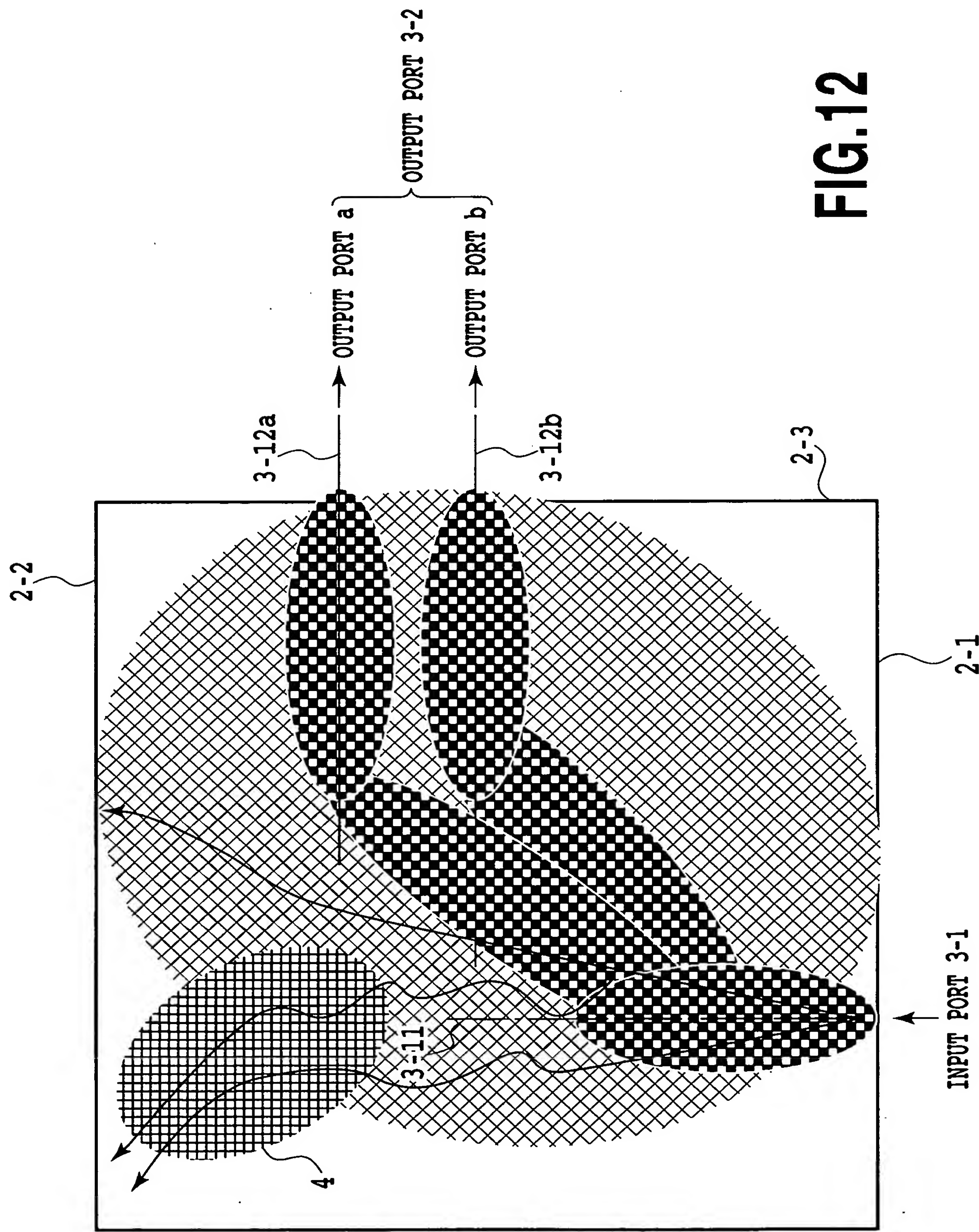


FIG.12

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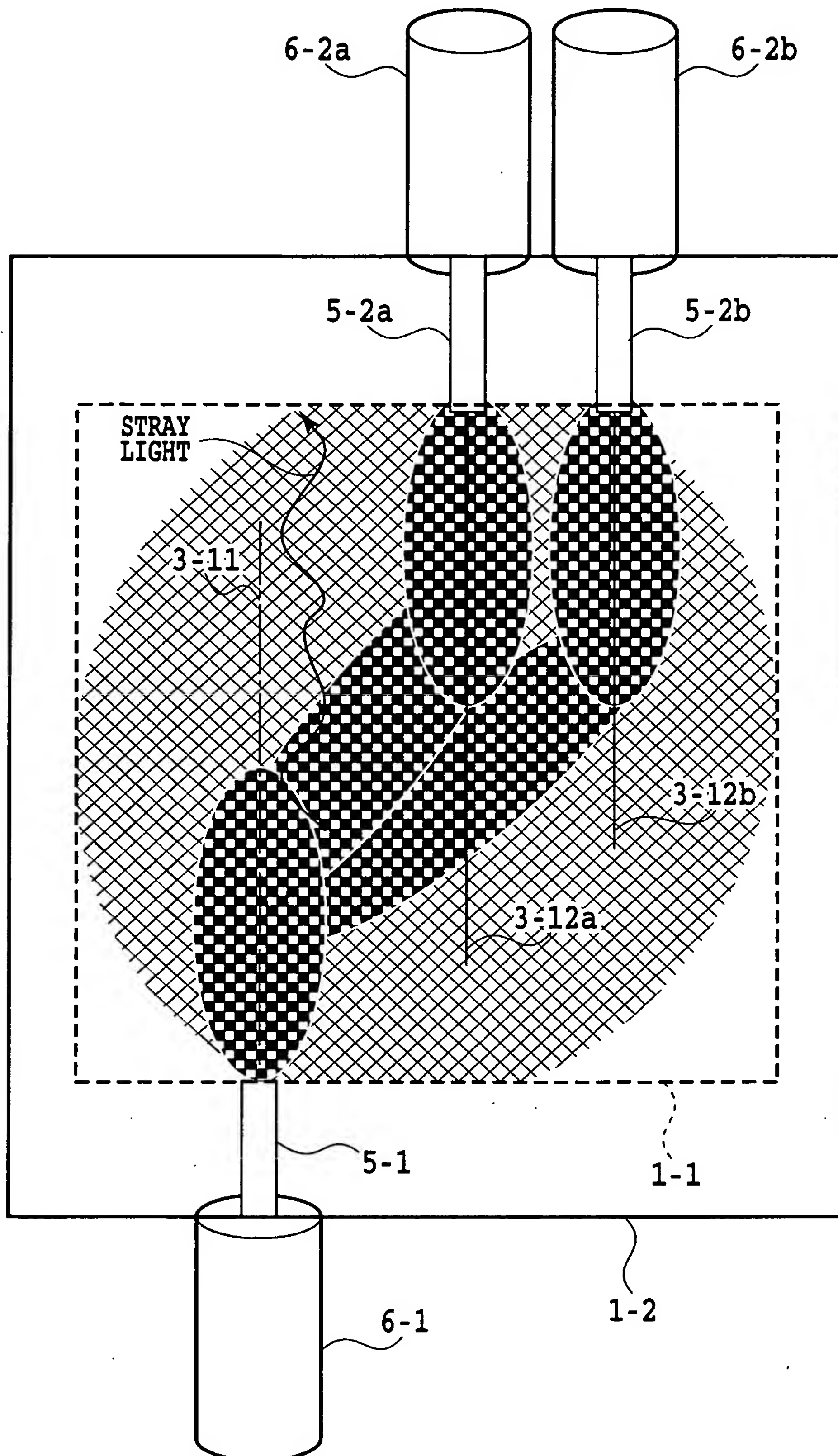


FIG.13

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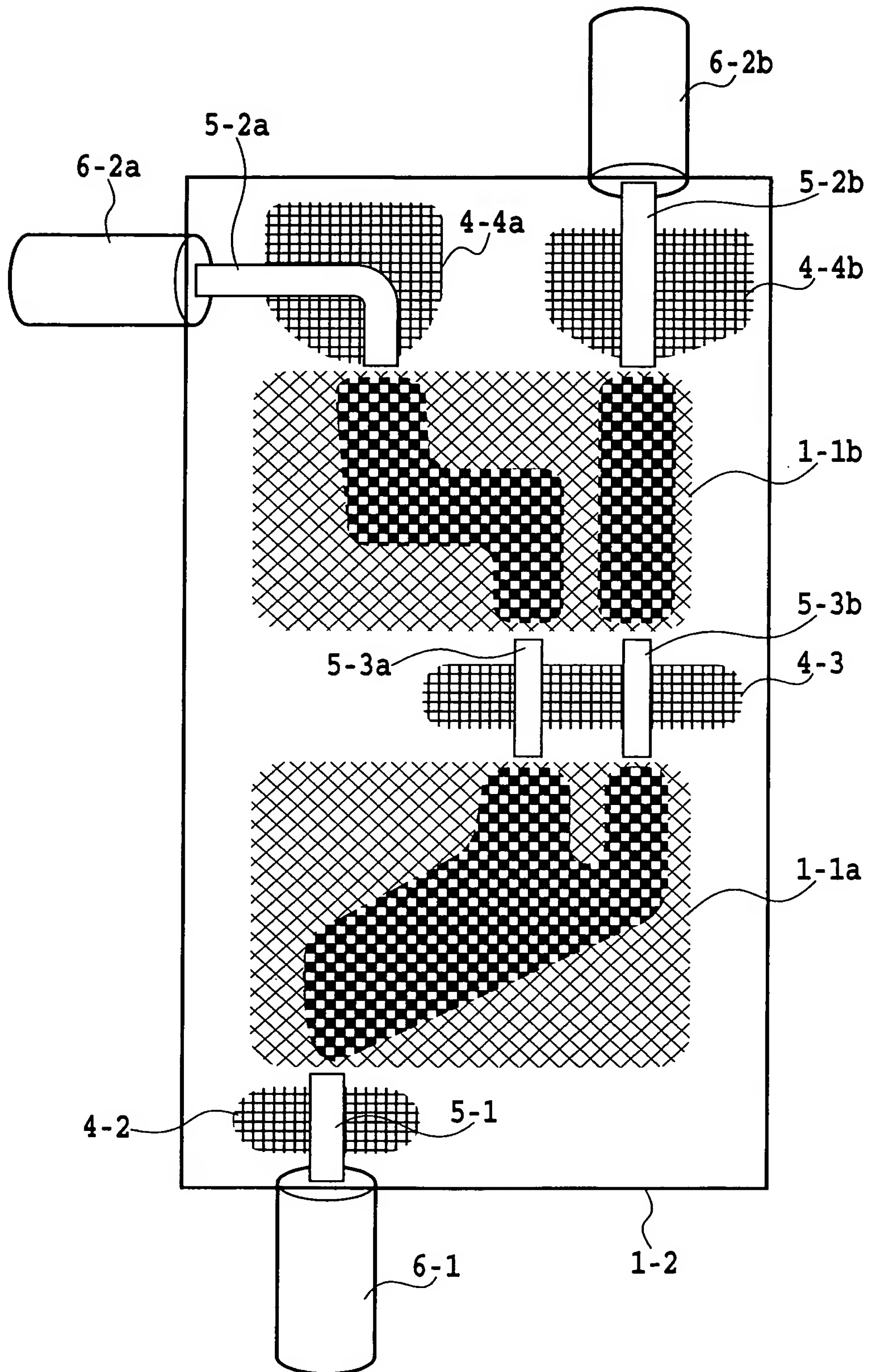


FIG.14

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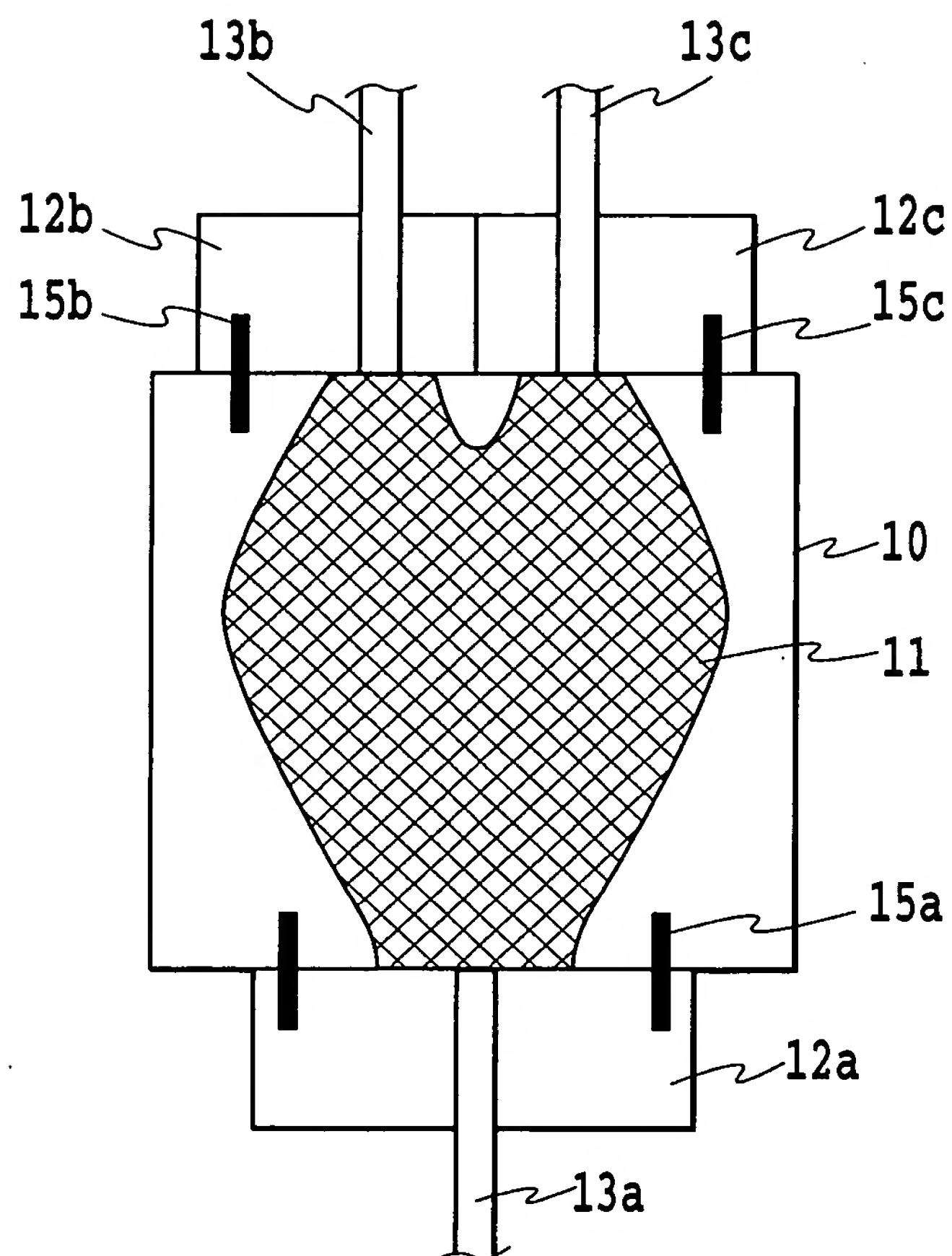


FIG.15

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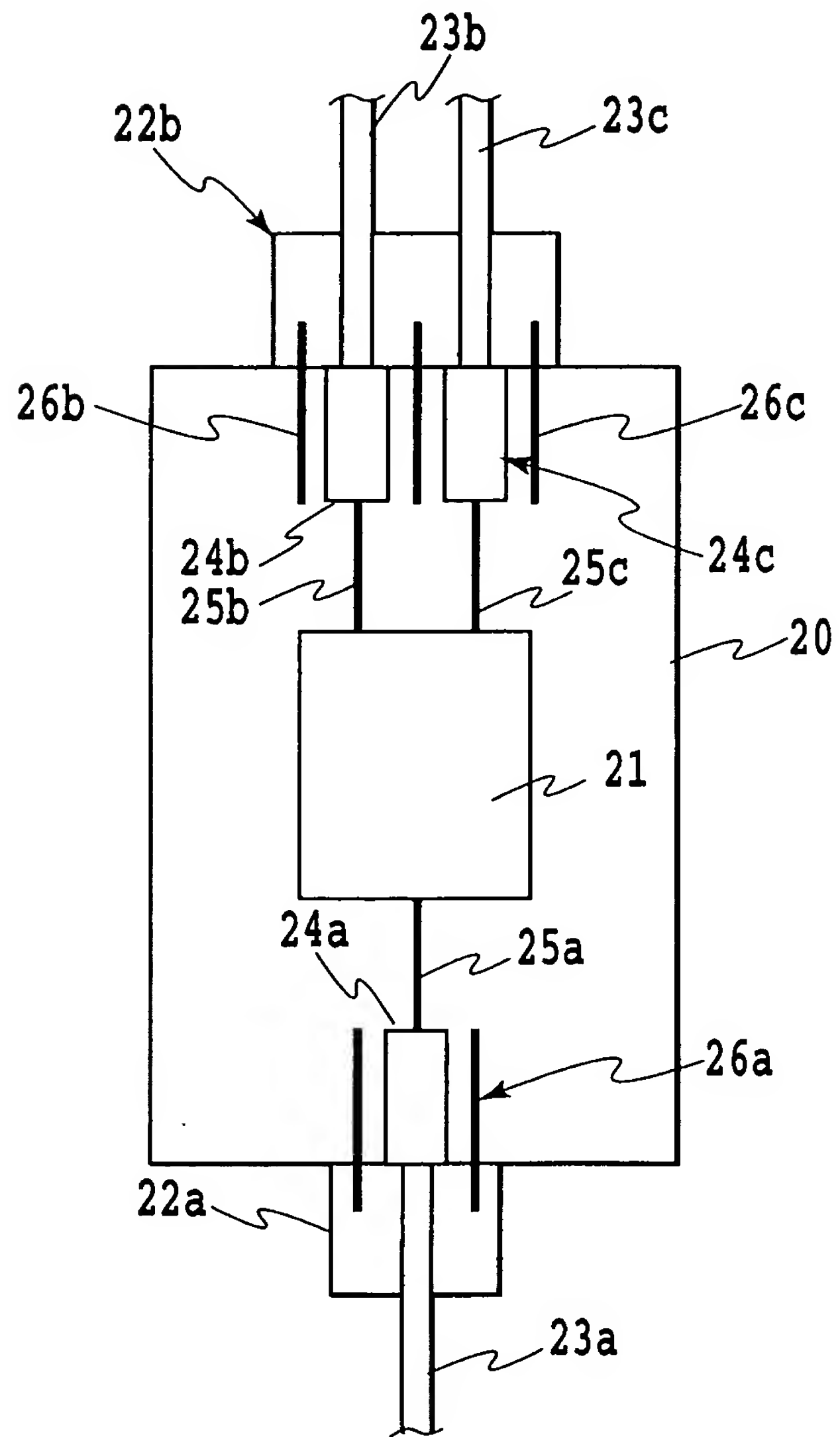


FIG.16

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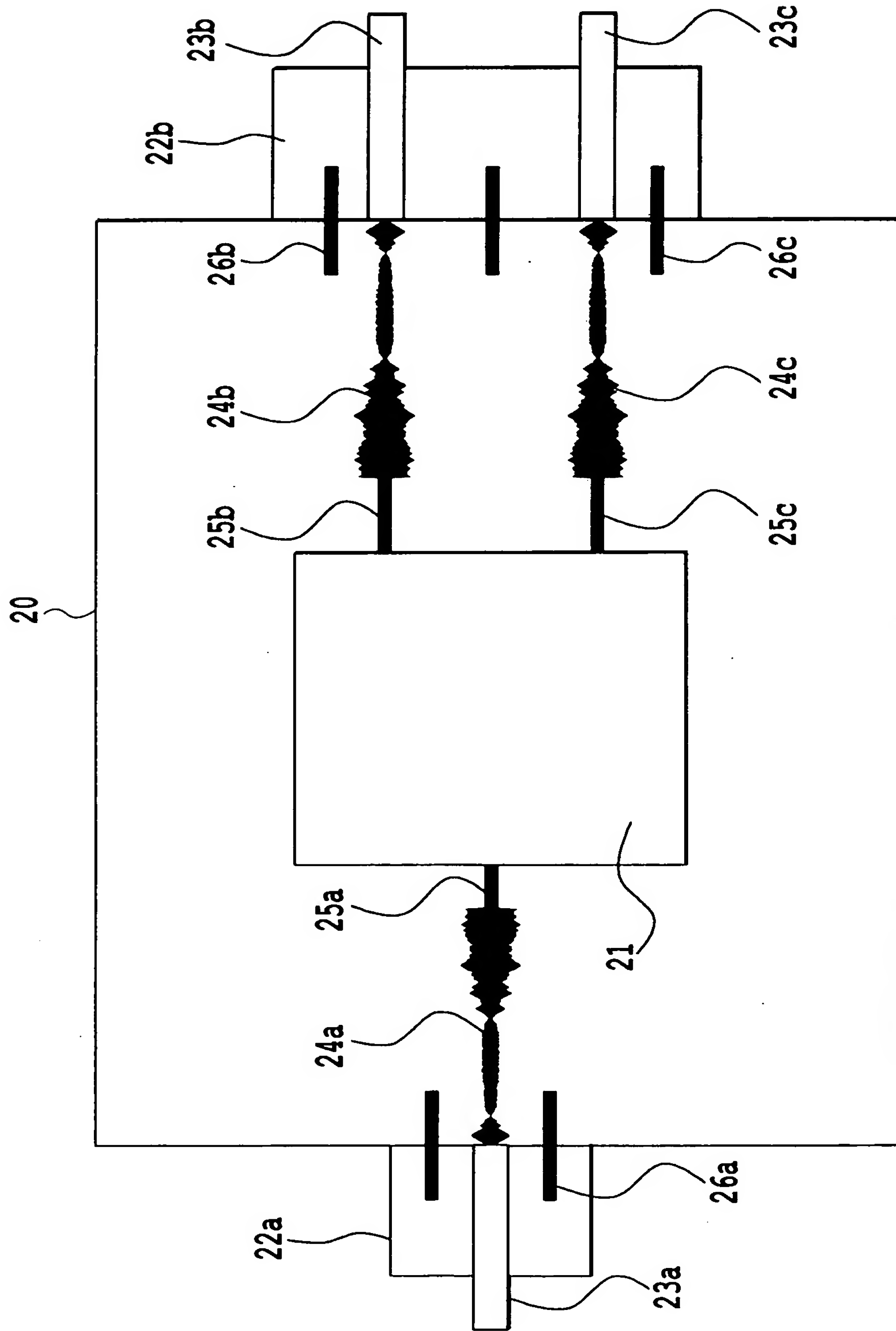


FIG.17

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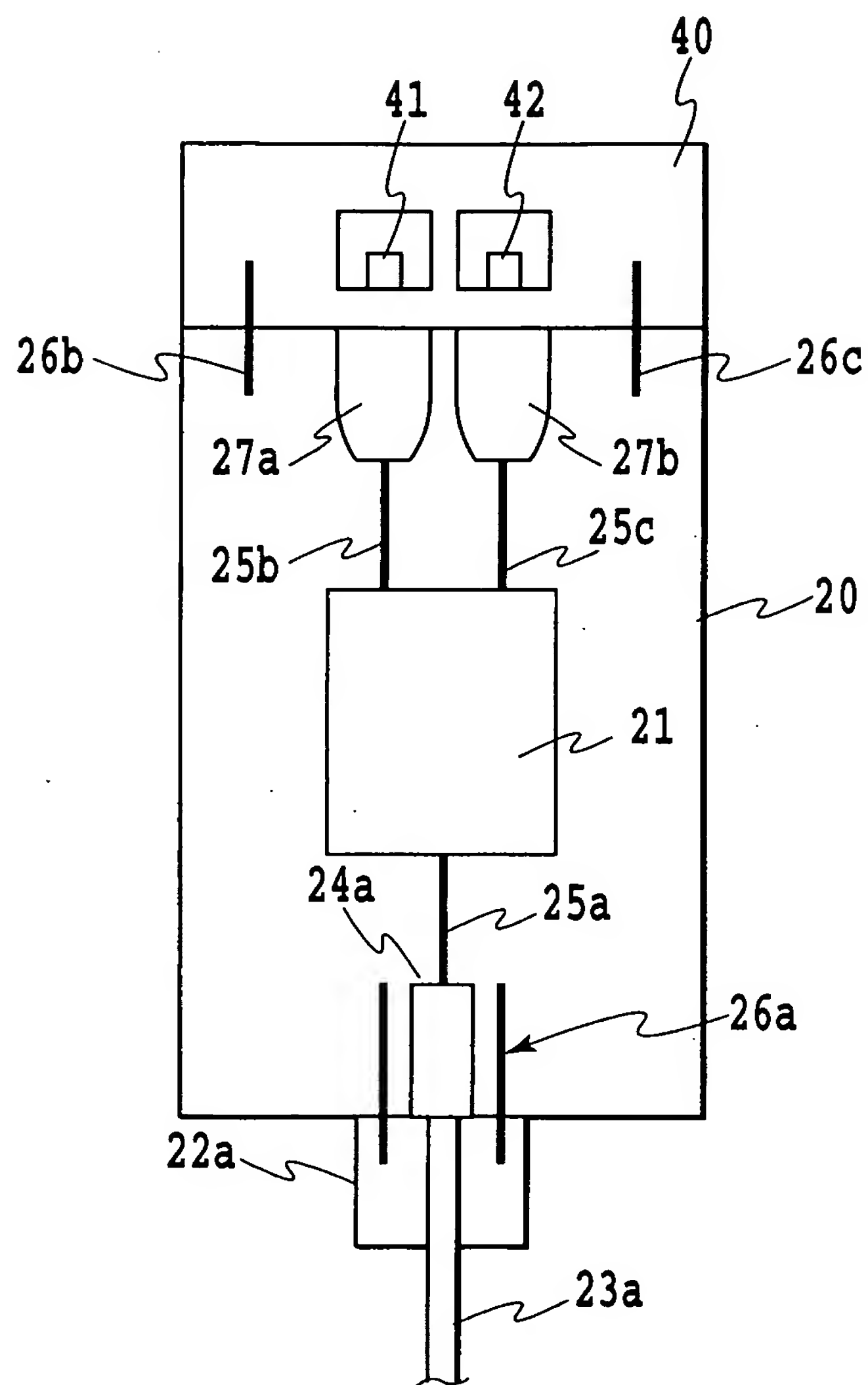


FIG.18

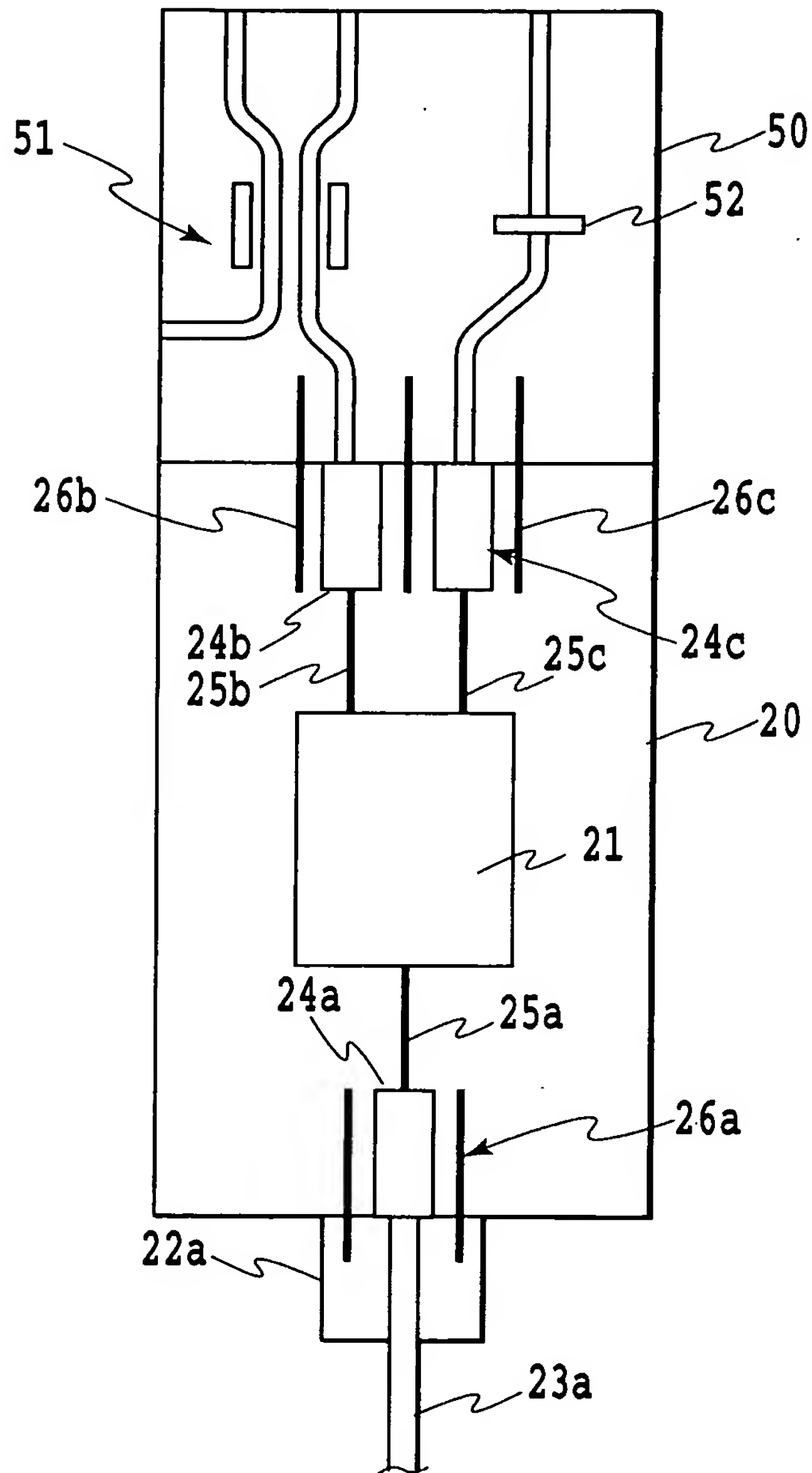


FIG.19

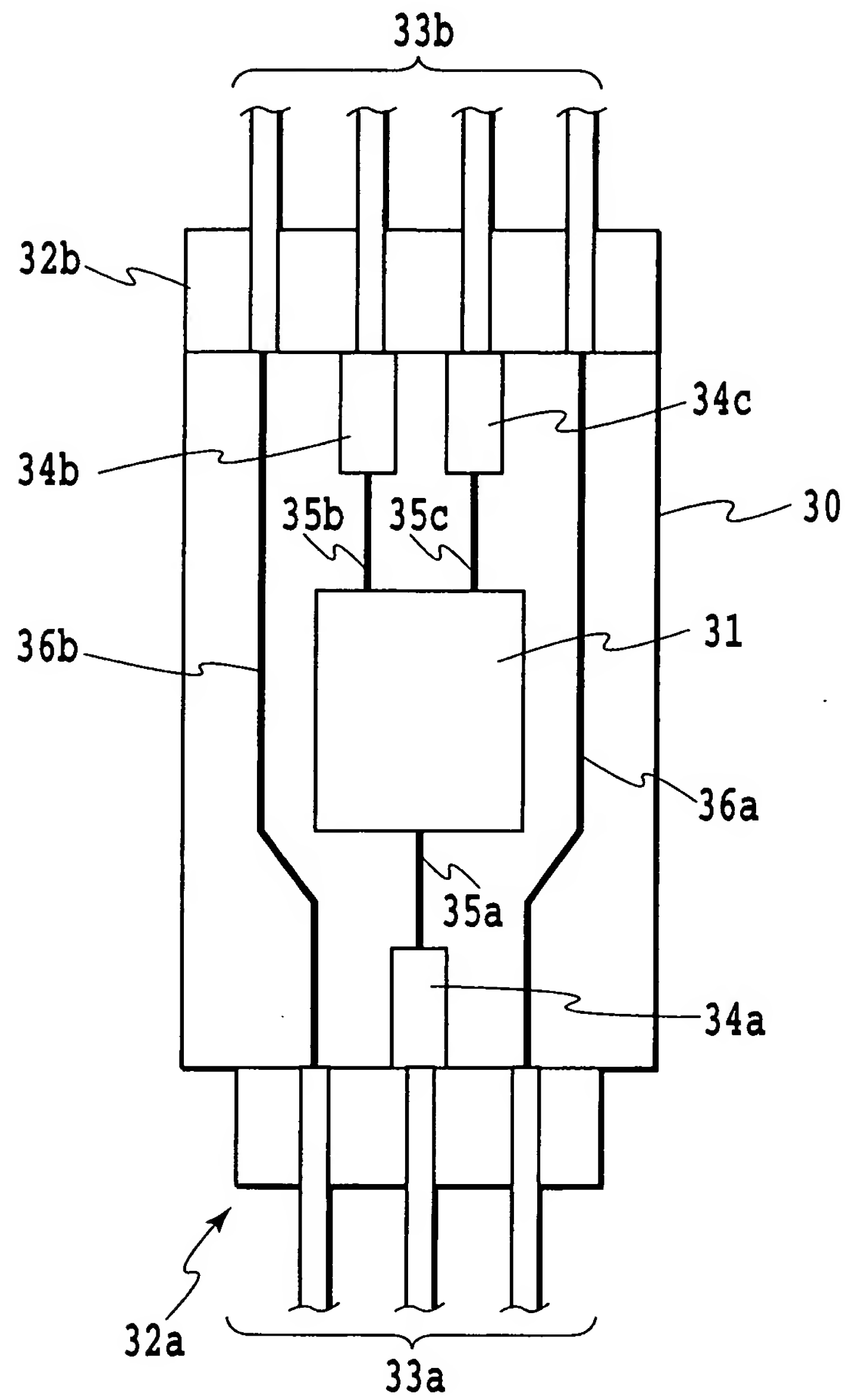


FIG.20

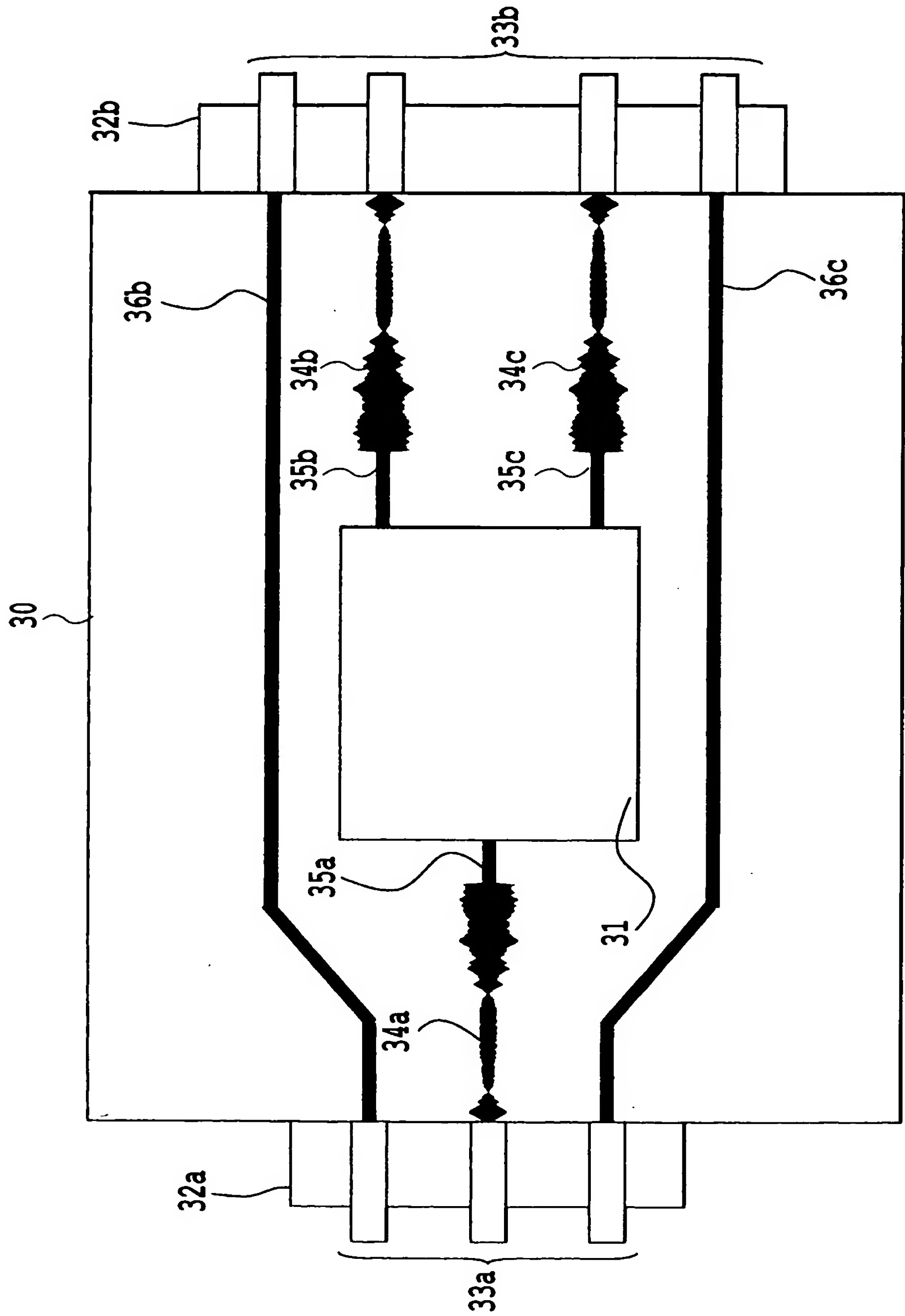


FIG. 21

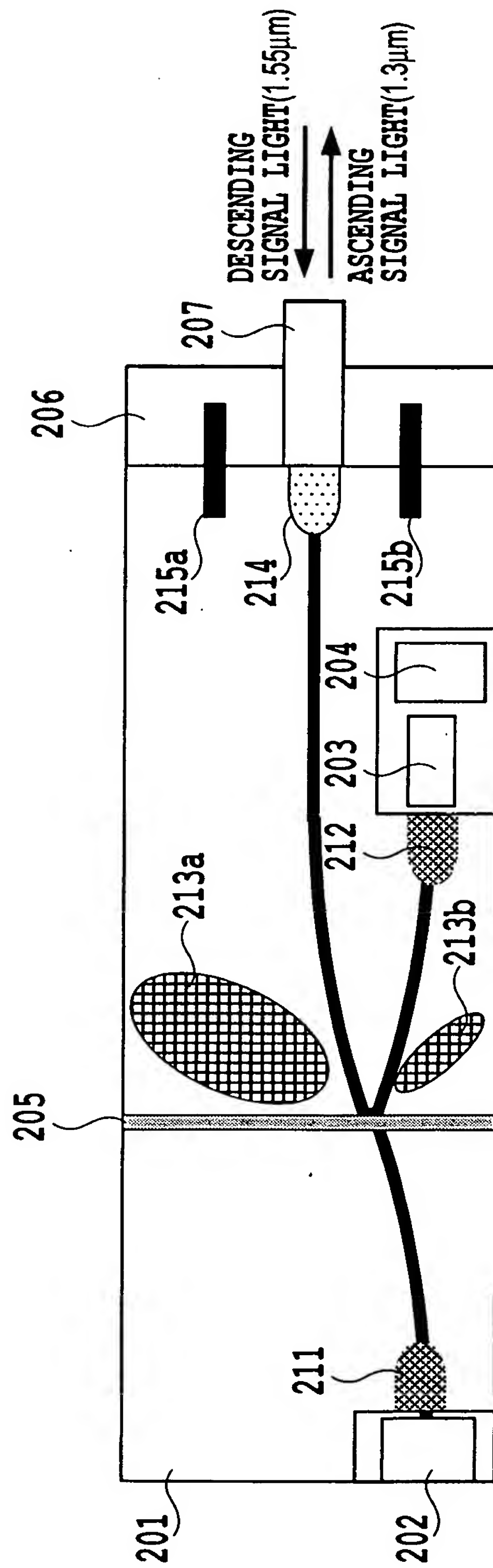


FIG. 22